Express Mail Receipt No. ET948082595US Deposited on February 28, 2002

PTO/SB/01 (10-01)

Approved for use through 10/31/2002 OMB 0651-0032 U S Patent and Trademark Office, U S DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

DEGLADATION FOR LITTLETY OR	Attorney Docket Number P1569US01
DECLARATION FOR UTILITY OR DESIGN	First Named Inventor Bruner, Nikki M.
PATENT APPLICATION	COMPLETE IF KNOWN
(37 CFR 1.63)	Application Number
X Declaration Declaration	Filing Date February 28, 2002
Submitted OR Submitted after Ir with Initial Filing (surcharge	tial Art Unit
Filing (37 CFR 1.16 (e))	Examiner Name

		required)	Examiner Name				
Γ	As the below named inventor, I hereby declare that:						
١	My residence, mailing address, and citizenship are as stated below next to my name.						
	I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:						
1	EMULATION SYSTEM FOR EVALUATING DIGITAL DATA CHANNEL CONFIGURATIONS						
١							
rájša rásta							
		(Title of the I	Invention)				
Name of the last	the specification of which	(This of the T	mvemion				
nang Pari	X is attached hereto						
MATE AND THE							
To the							
	,			• •			
ping page	A I Number	and was amond	ed on (MM/DD/YYYY)		(if applicable).		
and the	Application Number	and was afficient	ed on (MM/DD/1111)		(li applicable).		
l	I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by						
١	any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United						
Ì							
	States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is						
-	claimed. Prior Foreign Application	''	Foreign Filing Date	Priority	Certified Copy Attached?		
Į	Number(s)	Country	(MM/DD/YYYY)	Not Claimed	YES NO		
	Additional foreign application nur	phore are listed on a supple	amontal priority data sheet [PTO/SB/02B attach	ed hareto:		
- 1	Additional foreign application hur	nucio ale noteu un a supple	amantai piionty dala siieel f	TOTODIUZD AUDUN	eu nereto.		

[Page 1 of 2]

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

DECLARATION — Utility or Design Patent Application

Direct a	Customer Nor Bar Code		i		OR X	Correspondence address below
Name	Randall K. McCarthy, Crowe &	ն Dui	nlevy			
Addres	1800 Mid-America Tower Address 20 North Broadway					
City	Oklahoma City			State	OK	zip 73102
Country	y US	Tele	phone 405–235	5-7700)	Fax 405-239-6651
are beli made a	I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon					false statements and the like so
NAME	OF SOLE OR FIRST INVENTOR :		A petition h	as bee	en filed for this ur	nsigned inventor
	Given Name (first and middle [if any]) Nikki M. Family Name or Surname Bruner					
	Inventor's Signature Date					
Reside	nce: City Oklahoma City		State OK		Country US	Citizenship $\overline{\mathrm{US}}$
Mailing	Address 618 N. W. 49th Street					
City ()	oklahoma City		State OK		ZIP 73118	Country US
NAME	OF SECOND INVENTOR:		A petition ha	s been	filed for this uns	igned inventor
Given Name (first and middle [if any]) $John\ E.$				Family Name or Surname Young		
Invento Signati		2	-			2/28/02 Date
Reside	nce: City Norman		State OK	·	Country US	Citizenship US
	nce: City Norman 621 Shadow Grove Cour	t	State OK		Country US	Citizenship US
Mailing City N	621 Shadow Grove Cour		State OK		zip 73072	Country US

PATENT DKT. P1569US01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s):	Nikki M. Bruner, et al.		
Serial No.:	Not yet assigned	Examiner:	Unknown
Filed:	February 28, 2002	Group Art Unit:	Unknown
Title:	DATA CHANNEL		
Docket:	P1569US01 (STL-10465)		

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST (REVOCATION OF PRIOR POWERS)

As assignee of record of the entire interest of the above identified application,

REVOCATION OF PRIOR POWERS OF ATTORNEY

all powers of attorney previously given are hereby revoked and

NEW POWER OF ATTORNEY

the following practitioners/patent agent are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith:

Members of the firm of Crowe & Dunlevy

Randall K. McCarthy, Registration No. 39,297 Bill D. McCarthy, Registration No. 26,772 Daniel P. Dooley, Registration No. 46,369 Martin A. Weeks, Registration No. 37,753

In addition, the undersigned appoints

Shawn B. Dempster, Registration No. 34,321	Mitchell K. McCarthy, Registration No. 38,794		
Derek J. Berger, Registration No. 45,401	Raghunath S. Minisandram, Registration No. 38,683		
David K. Lucente, Registration No. 36,202	Paul T. Dietz, Registration No. 38,858		
Kirk A. Cesari, Registration No. 47,479	Carol I. Bordas, Registration No. 37,284		
Jennifer M. Buenzow, Registration No. P-50,124			

and of Seagate Technology LLC as attorneys and/or patent agents with the full power to represent the Applicant in connection with this application.

CHANGE OF ATTORNEY'S/AGENT'S ADDRESS IN APPLICATION

Crowe & Dunlevy 1800 Mid-America Tower 20 North Broadway Oklahoma City, OK 73102-8273 Telephone No.: (405) 235-7700 Fax No.: (405) 239-6651

STATEMENT UNDER 37 CFR 3.73(b)

Seagate Technology LLC states that it is the Assignee of Entire Interest in the patent application/patent identified above by virtue of an Assignment from the inventor(s) of the patent application/patent identified above. A copy of the Assignment is attached and/or was recorded in the Patent and Trademark Office at Reel , Frame . The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the Assignee.

Respectfully submitted,

SEAGATE TECHNOLOGY LLC (Assignee of Entire Interest)

 $\frac{2-28-02}{\text{Date}}$

Kirk A. Cesari, Registration No. 47,479 SEAGATE TECHNOLOGY LLC Intellectual Property Dept. – SHK2LG

1280 Disc Drive

Shakopee, MN 55379-1863 (952) 402-3534 (telephone) (952) 402-2438 (facsimile)